Barco service bulletin

Serial Number: InfoT635
Date: 27/01/2005
Product: Barco iCon H600
Priority code*: D

A. "Must" modification, Barco will provide the necessary components to perform this modification at no charge.
B. Improves the reliability of the product.
C. Improves the general working conditions of the product.
D. For information only.

1. XCUBE SWAP PROCEDURE ON BARCO ICON

Introduction

The objective of the XCube swap is to reduce the lead-time for XCube repair at Barco towards the end customer. A similar procedure is already implemented for the iQ projectors.

By allowing to swap locally we prevent system shut down.

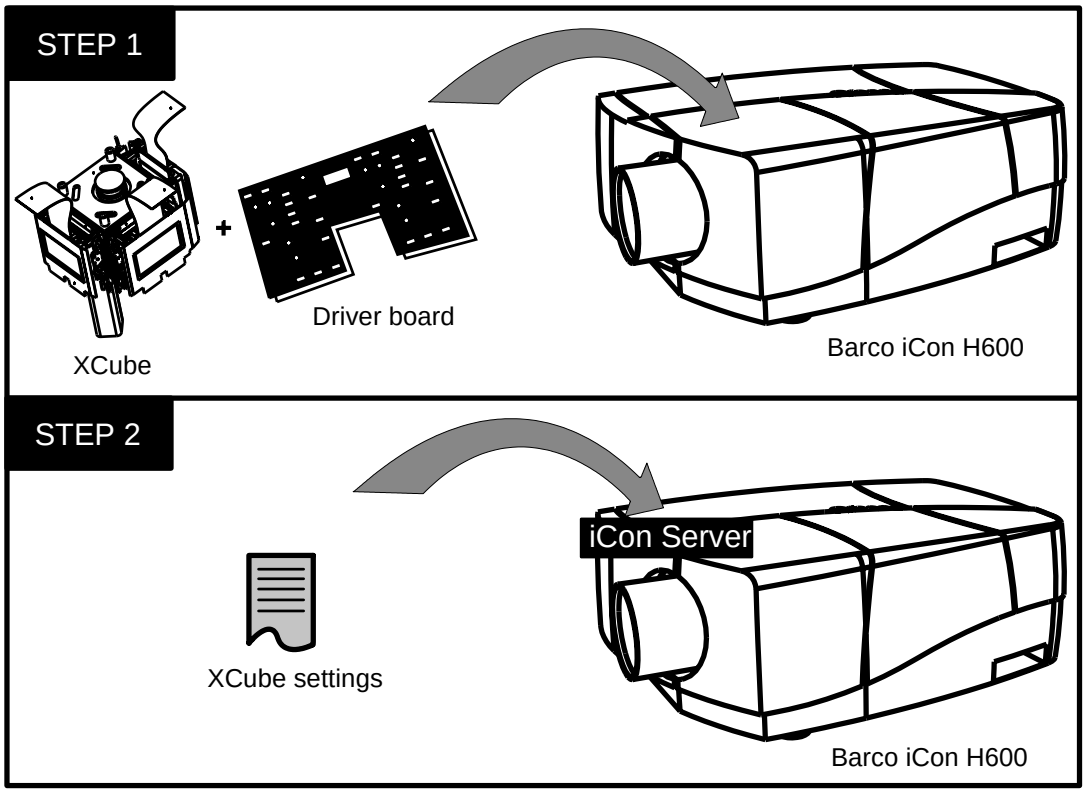

Image 1-1
iCon XCube swap procedure.

Barco nv Presentations
Noordlaan 5, 8520 Kuurne

BARCO
Visibly yours

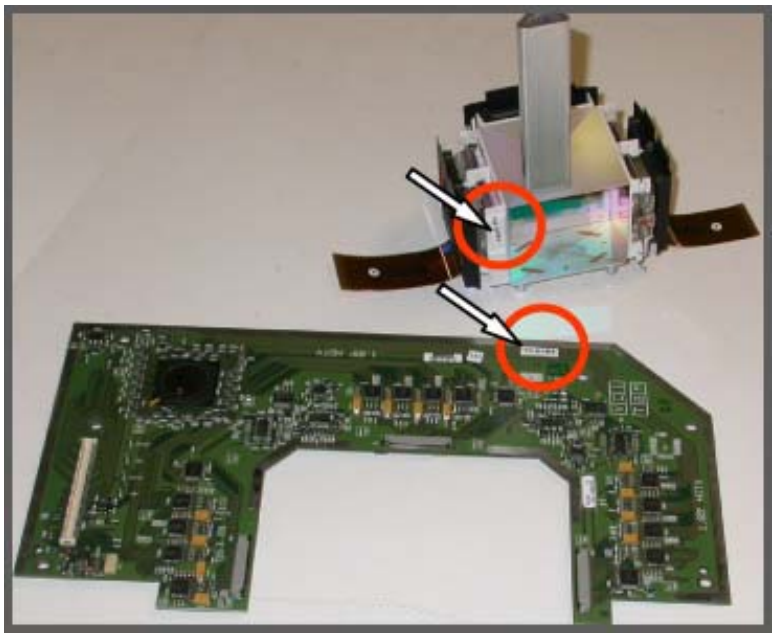

Image 1-2
XCube and LCD driver board. The location of the serial number is indicated.

The XCube swap procedure requires minimal software version V1.12

1.1 Physical swap

How to swap the XCube and the LCD driver board ?

1. Refer to the service manual R5976824 for the detailed procedures.

CAUTION: The XCube is shipped in a metallic frame. The old XCube must be returned to Barco. Always mount the old XCube on the metallic frame before sending it back to Barco! The XCube will otherwise be damaged during transportation ! See the service manual for more details.

Image 1-3
XCube mounted in its frame.

1.2 Download procedure

Preparations

To perform the download one needs the following parts and tools :

1. The **iConXCubeSwap.exe** tool (**R32988800**) : this exe file can be downloaded from the TDE (Technical Documentation Explorer on the InfoBarco site) or can be received on request.
2. The XCube settings zip file : this file contains the settings of the delivered XCube. The name of the file corresponds to the serial number of the delivered XCube : for example **H60001.zip**
3. A USB stick to store the tool and the zip file in order to copy them via the USB input to the iCon Server.
   Another option is to send the files from your laptop to the iCon Server via the LAN (Local Area Network).

How to perform the XCube settings download ?

1. Copy the **iConXCubeSwap.exe** tool to a local directory (to be created) of the iCon Server.
2. Copy the zip file with the settings to a local directory of the iCon Server (the same directory as for the tool).
3. Double click to Start up **iConXCubeSwap.exe**

   See image 1-4.
4. Click on **Browse** to select the zip file to be sent to the iCon Server.

   See image 1-5.
5. Click on **XCube settings** to start the download. (image 1-6)

   During the process, the projector will reboot, this is signaled with the message **"rebooting"**, the reboot itself starts once the image disappears (resulting in a full white image).

   The projector restarts (image reappears) with the new XCube settings.
6. Once the download finished, the message **"download succeeded"** is displayed.

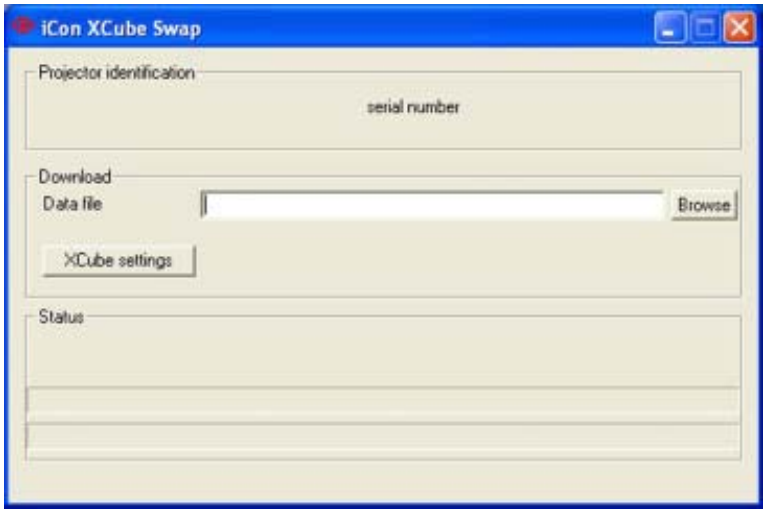

Image 1-4

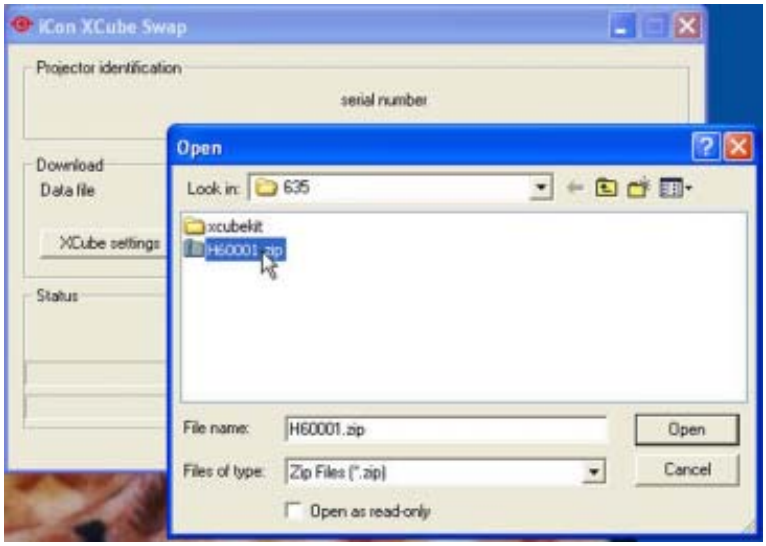

Image 1-5

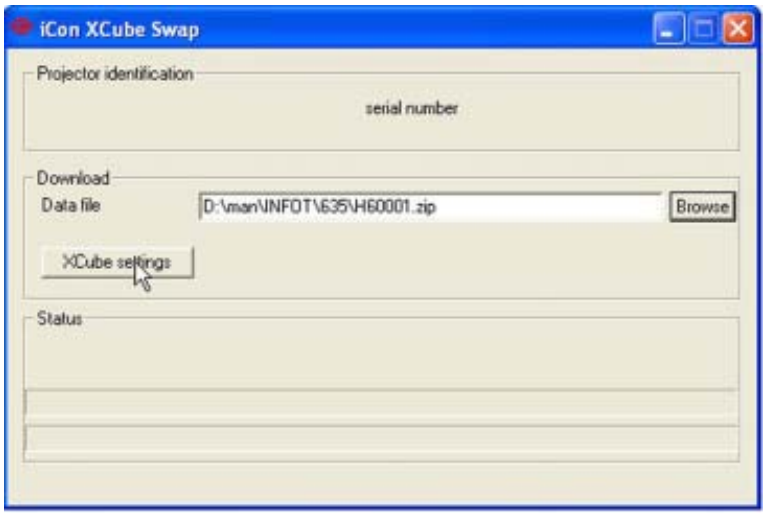

Image 1-6

Once downloaded, the zip file can be deleted from the iCon Server hard disk.